FIG. 1A

```
GGCCCCCTCTAGAACTAGTGGATCCCCCGGCCTGCAGGAATTCGGCACGAGCTGGAGAG   60
GTGGTCGGAGAAGTAGGAACCTCCTGCCGGGCTCGTGGCGGCTTCTGTCCGCTCCGCGGA  120
GGGAAGCGCCTTCCCCACAGGACATCAATGCAAGCTTGAATAAGAAAAACAAATTCTTCC  180

         M  A  Y  Q  L  Y  R  N  T  T  L  G  N  S  L  Q  E   (17)
TCCTAAGCCATGGCATATCAGTTATACAGAAATACTACTTTGGGAAACAGTCTTCAGGAG  240

S  L  D  E  L  I  Q  S  Q  Q  I  T  P  Q  L  A  L  Q  V  L   (37)
AGCCTAGATGAGCTCATACAGTCTCAACAGATCACCCCCCAACTTGCCCTTCAAGTTCTA  300

L  Q  F  D  K  A  I  N  A  A  L  A  Q  R  V  R  N  R  V  N   (57)
CTTCAGTTTGATAAGGCTATAAATGCAGCACTGGCTCAGAGGGTCAGGAACAGAGTCAAT  360

F  R  G  S  L  N  T  Y  R  F  C  D  N  V  W  T  F  V  L  N   (77)
TTCAGGGGCTCTCTAAATACGTACAGATTCTGCGATAATGTGTGGACTTTTGTACTGAAT  420

D  V  E  F  R  E  V  T  E  L  I  K  V  D  K  V  K  I  V  A   (97)
GATGTTGAATTCAGAGAGGTGACAGAACTTATTAAAGTGGATAAAGTGAAAATTGTAGCC  480

C  D  G  K  N  T  G  S  N  T  T  E  *                       (109)
TGTGATGGTAAAAATACTGGCTCCAATACTACAGAATGAATAGAAAAAATATGACTTTTT  540

TACACCATCTTCTGTTATTCATTGCTTTTGAAGAGAAGCATAGAAGAGACTTTTTATTTA  600
TTCTAGAATTGCAGAAATGACTACACTGTGCTATACCAGAGAATTCCAGTAGAAAGAAAC  660
TTGTAACTCTGTAGCCTCTTACATCACCTTTATTATACAGCATGAAAAACCATAACTTTT  720
TTTTAAGGACAAAAGTTGTTGCCTTCCTAAGAACCTTCTTTAATAAACTCATTTTAAAAC  780
TCTGAAAAAAAAAAAAAAAAAAA   801
```

FIG. 1B

```
Human   1   MA----YQLYRNTTLGNSLQESLDELIQSQQITPQLALQVLLQFDKAINAALAQR   51
            ||    | |||  :|:|||| : || ||     |   ||  ||  ||| :  . |
Yeast   1   MAVPGYYELYRRSTIGNSLVDALDTLISDGRIEASLAMRVLETFDKVVAETLKDN   55

Human   52  VRNRVNFRGSLNTYRFCDNVWTF-VLND---VE--FREVTE-------LIKVDKV   93
              ::  :| | || ||| |||| | |      ||   |: :       :| |||:
Yeast   56  TQSKLTVKGNLDTYGFCDDVWTFIVKNCQVTVEDSHRDASQNGSGDSSVISVDKL  110

Human   94  KIVACDGKNTGSNTTE   109
            :||||   |
Yeast   111 RIVACNSKKSE   121
```

FIG. 1C

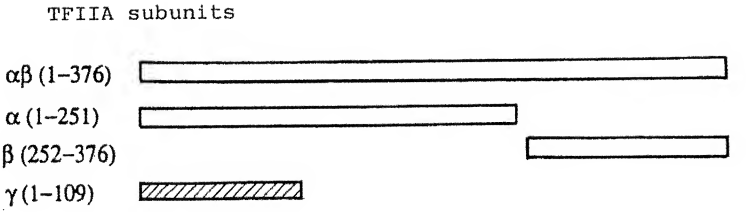


FIG. 2A

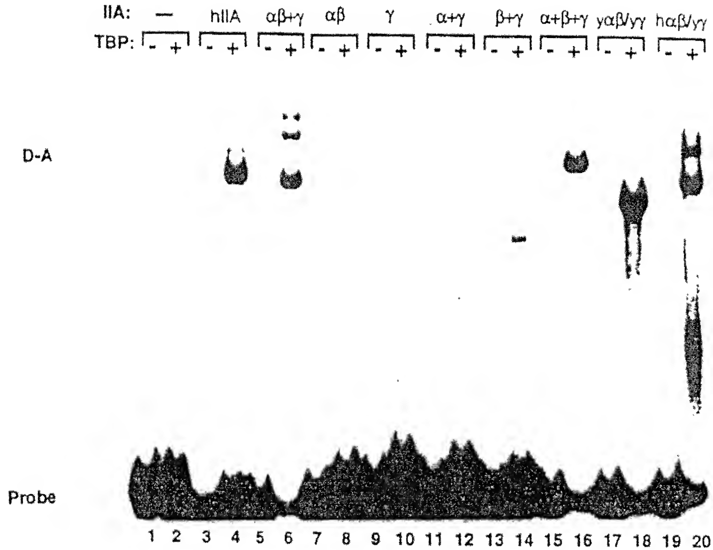

IIA: — hIIA αβ+γ αβ γ α+γ β+γ α+β+γ yαβ/yγ hαβ/yγ
TBP: - + - + - + - + - + - + - + - + - + - +
D-A
Probe
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

FIG. 2B

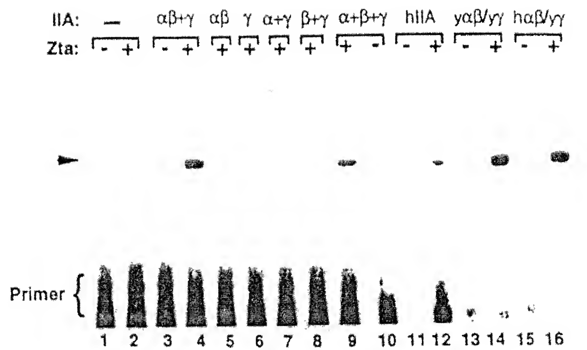


FIG. 3A

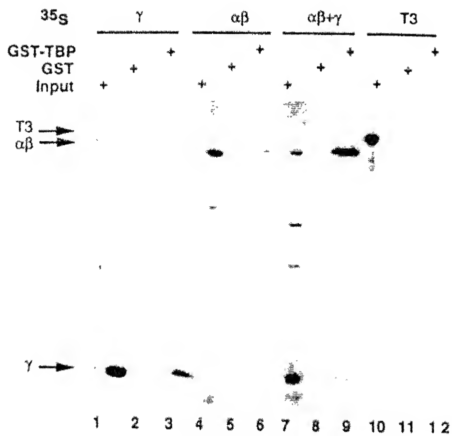


FIG. 3B

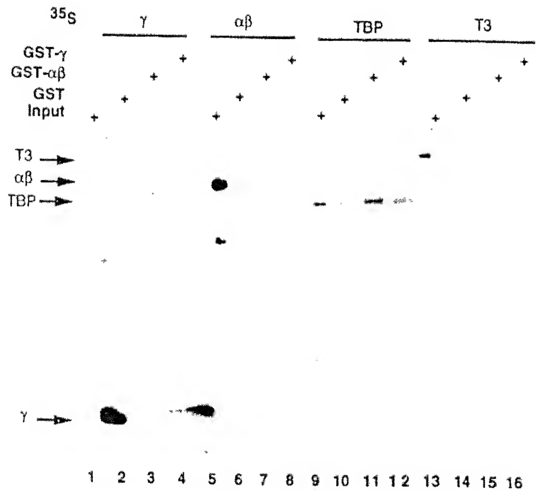

35S
γ
αβ
TBP
T3
GST-γ
GST-αβ
GST
Input
T3
αβ
TBP
γ
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

FIG. 4A

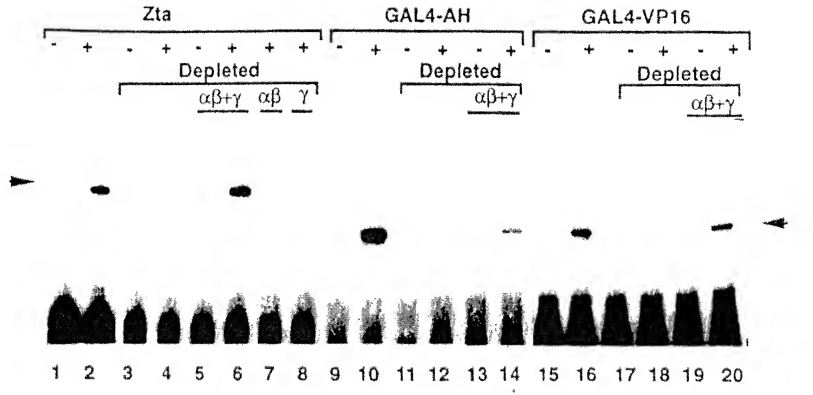


FIG. 4B

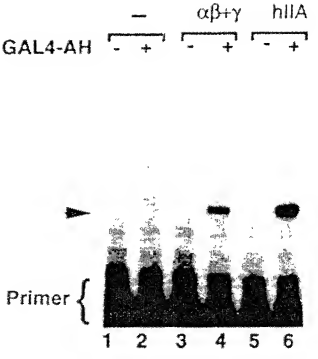
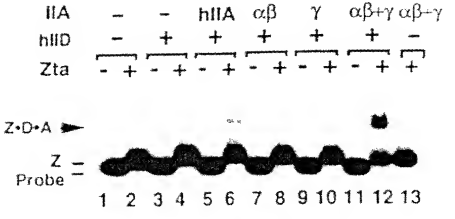

–
αβ+γ
hIIA
GAL4-AH
- +
- +
- +
Primer
1 2 3 4 5 6

FIG. 4C


IIA – – hIIA αβ γ αβ+γ αβ–γ
hIID – + + + + + –
Zta - + - + - + - + - + - + +
Z•D•A
Z
Probe
1 2 3 4 5 6 7 8 9 10 11 12 13